



## Freeform Search

---

<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

<b>Term:</b>	L3 and print\$4 near3 (serv\$4)	
		

<b>Display:</b>	<input type="text" value="10"/>	<b>Documents in Display Format:</b>	<input type="text" value="-"/>	<b>Starting with Number</b>	<input type="text" value="1"/>
-----------------	---------------------------------	-------------------------------------	--------------------------------	-----------------------------	--------------------------------

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

---

Search

Clear

Interrupt

---

### Search History

---

**DATE:** Tuesday, April 13, 2004    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u> side by side	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
DB=PGPB; PLUR=YES; OP=OR		
<u>L5</u> US-20020169002-A1.did.	1	<u>L5</u>
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR		
<u>L4</u> L3 and print\$4 near3 (serv\$4)	69	<u>L4</u>
(mobile or hand near2 held or remote or palm or wireless) near3 (device or apparatus or unit or trans\$7 or computer or control\$4) near7 (wireless or internet)near5 (print\$4 or record\$4 ) and @ad<20010530	853	<u>L3</u>
(mobile or hand near2 held or remote or palm or detach\$4 or wireless) near3 (device or apparatus or unit or trans\$7 or computer or control\$4) near7 (wireless or remote or internet)near5 (print\$4 or record\$4 ) and @ad<20010530	5269	<u>L2</u>
(mobile or hand near2 held or remote or palm or detach\$4 or wireless) near4 (device or apparatus or unit or trans\$7 or computer or control\$4) with (wireless or remote or internet)near5 (print\$4 or record\$4 or form\$4) and @ad<20010530	18276	<u>L1</u>

END OF SEARCH HISTORY

First Hit☐ **Generate Collection**

L4: Entry 62 of 69

File: EPAB

Dec 19, 2001

DOCUMENT-IDENTIFIER: EP 1164768 A2

TITLE: Third-party authorization for home-based printing

Abstract Text (1):

CHG DATE=20020103 STATUS=N> Authorized transmission of print data from an Internet application to a home access device having a printer connected thereto, the printer being serviced by a remote print server which controls data transmission to the home access device, in which authorization is obtained from an intermediary service for the Internet application to transmit the print data to the home access device via the remote print server, and in which the authorized print data is transmitted to the home access device via the remote print server for printing on the printer.

Application Date (1):20010315

First Hit☐ **Generate Collection**

L4: Entry 64 of 69

File: DWPI

Nov 7, 2002

DERWENT-ACC-NO: 2002-751034

DERWENT-WEEK: 200316

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Wireless print server system for mobile devices converts encrypted data into intermediate data protocol format and user infra-red RF transmitter-receivers

INVENTOR: IMBRIE, A M; PICEK, D C ; WELCH, J W ; PICEK, D D

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
IMBRIE A M	IMBRI
PICEK D C	PICEI
WELCH J W	WELCI
ICON RESOURCES INC	ICONN

PRIORITY-DATA: 2001US-288125P (May 2, 2001), 2002US-0137575 (May 1, 2002)

**Search Selected****Search ALL****Clear**

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>WO 200288902 A2</u>	November 7, 2002	E	033	G06F000/00
<input type="checkbox"/> <u>US 20020169002 A1</u>	November 14, 2002		000	H04B001/38

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 200288902A2	May 2, 2002	2002WO-US13683	
US20020169002A1	May 2, 2001	2001US-288125P	Provisional
US20020169002A1	May 1, 2002	2002US-0137575	

INT-CL (IPC): G06 F 0/00; H04 B 1/38

RELATED-ACC-NO: 2003-167128

ABSTRACTED-PUB-NO: WO 200288902A

h e b b g e e e f e e e

## BASIC-ABSTRACT:

NOVELTY - System comprises submitting device (20), means for converting the encrypted data into an intermediate data protocol format, peripheral device (printer) (70), means for converting the data to a format recognised by the peripheral (peripheral device driver) and means (IR/RF transceiver) for wirelessly communicating between the submitting and peripheral devices.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for:

- (1) A printing system
- (2) A method of printing data from a user submitting device

USE - System is a print server for adding secure, accountable and wireless printing capabilities to printer devices and enables printing from a laptop, palm organiser, PDA, cellphone, two-way text pager etc. Revenue can be collected from use of printers in e.g. kiosks, libraries, malls etc.

ADVANTAGE - System adds security and accountability to a wireless-enabled printer.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a wireless printing system

submitting device 20

printer 70

CHOSEN-DRAWING: Dwg.1/9

TITLE-TERMS: WIRELESS PRINT SERVE SYSTEM MOBILE DEVICE CONVERT ENCRYPTION DATA  
INTERMEDIATE DATA PROTOCOL FORMAT USER INFRA RED RF TRANSMIT RECEIVE

DERWENT-CLASS: T01 W01

EPI-CODES: T01-C03C; T01-C05A1; W01-A07G; W01-A07H2;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-591496